

20090129.ba v04\_n242.bam.20090129

>From ???@??? Thu Jan 29 18:08:31 2009 -0600  
Date: Thu, 29 Jan 2009 18:07:35 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4242  
Message-Id: <20090130000738.2513410B06A@srvr1.theporch.com>

BOATANCHORS Digest 4242

Topics covered in this issue include:

- 1) Re: here's your dream antenna  
by Tom Norris <nu4g.radio@gmail.com>
- 2) RE: Thread size for "standard" mic stand  
by "Kim Herron" <kim.herron@sbcglobal.net>
- 3) Re: Old ICs  
by "JAMES HANLON" <knjhanlon@msn.com>
- 4) Classic Exchange "CX" tomorrow  
by "J.D. MacAulay, WQ8U" <jmac6235@yahoo.com>
- 5) KSM Schedule 1/31, 2/7  
by Richard Dillman <ddillman@igc.org>
- 6) IT 7400  
by "Paul Kraemer" <elespe@lisco.com>
- 7) corroded battery contact question  
by 4CX250B <4cx250b@muohio.edu>
- 8) Re: corroded battery contact question  
by Joe Eide <jeide@execpc.com>
- 9) Re: corroded battery contact question  
by WA5CAB@cs.com
- 10) Re: corroded battery contact question  
by "Roger Dillon" <rdillontx1@verizon.net>
- 11) Re: corroded battery contact question  
by "Arden Allen" <gumbear@pacbell.net>
- 12) Re: corroded battery contact question  
by WA5CAB@cs.com
- 13) New US Coast Station Licensed  
by Richard Dillman <ddillman@igc.org>
- 14) Wanted Galaxy RV1 & Console  
by Robert Kemp <bkemp@bobkemp.com>
- 15) Re: New US Coast Station Licensed  
by "David Stinson" <arc5@ix.netcom.com>
- 16) March 52 CQ?  
by Niel Wiegand <nielwiegand@aggienetwork.com>
- 17) My DX-100 Saga Part 1  
by "Allan Fritsche" <w5adf@sbcglobal.net>
- 18) RE: Corroded Battery Contacts

by "Jim Garland" <4cx250b@muohio.edu>  
19) RE: My DX-100 Saga Part 1  
by "Ed Sieb" <esieb@sympatico.ca>  
20) Re: My DX-100 Saga Part 1  
by Jack Harper <jharper@frobenius.com>  
21) FS: Drake TR-4 w/ps & mic \$295: Hammarlund HQ-180A \$250  
by "Al Parker" <anchor@ec.rr.com>

---

From: Tom Norris <nu4g.radio@gmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: here's your dream antenna  
Message-Id: <831162AC-9B1B-44EB-992C-61217370BB66@gmail.com>  
Content-Type: text/plain; charset=US-ASCII; format=flowed; delsp=yes  
Content-Transfer-Encoding: 7bit  
Mime-Version: 1.0 (Apple Message framework v930.3)  
Date: Sat, 24 Jan 2009 14:19:12 -0600

But its for \*contests\* and chasing rare DX! No antenna can be too large, no expense can be spared, he who dies with the most points, erm... still dies.

Have you seen pics of assorted testers' shacks? Half a dozen transceivers, usually something top of the line like an Icom 7800 or the Yaesu FT-CostTooMuch, sometimes with external bandpass filters so more than one radio can operate per band. Lordy...

Then there are the guys who spend much of the year traveling from rocky atoll to tiny island so as to operate under a rare call during DX-peditions. I repeat - Lordy...

I suppose if they have the cash to toss around for things like that, let 'em.

On Jan 22, 2009, at 5:46 AM, David Stinson wrote:

> More like a nightmare.  
> I could send all my kids to college and pay off the mortgage  
> for what that thing cost. Talk about a lack of perspective...whew...  
>

---

From: "Kim Herron" <kim.herron@sbcglobal.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Thread size for "standard" mic stand  
Date: Sat, 24 Jan 2009 15:44:43 -0500

Message-ID: <48A892AE26E94B96811B1DC2AC3DCA75@HPa550y>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Yup. 5/8"-27 thread.

Kim Herron W8ZV=20  
www.goldenradioservice.com  
kim.herron@sbcglobal.net  
1-616-677-3706

-----Original Message-----  
From: owner-boatanchors@theporch.com =  
[mailto:owner-boatanchors@theporch.com]  
On Behalf Of john  
Sent: Saturday, January 24, 2009 2:17 PM  
To: Old Tube Radios  
Subject: Thread size for "standard" mic stand

Anyone know what the "standard" thread is, that's found on mic stands =  
(and=20  
of course, microphone heads themselves)?

Thanks  
John

-----  
Message-ID: <SNT106-DS6C68F8DBA3E91C7FD8C51A0CC0@phx.gbl>  
From: "JAMES HANLON" <knjhanlon@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <mcclupa@umd.edu>  
Subject: Re: Old ICs  
Date: Sat, 24 Jan 2009 13:58:00 -0700  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_013B\_01C97E2B.C885DF80"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_013B\_01C97E2B.C885DF80  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Wilson,

If you don't get any interested takers, see if Professor Patrick =  
McCluskey at the University of Maryland, Mechanical Engineering =  
Department might be interested in them. Several years back when I was =  
working at Sandia Labs, Pat was doing research on the longevity of IC's. =  
I've copied him on this note so that you will have his address.

Jim Hanlon, W8KGI

----- Original Message -----=20

From: Wilson Lamb<mailto:infomet@embarqmail.com>=20

To: Old Tube Radios<mailto:boatanchors@theporch.com>=20

Cc: boatANCHORS@theporch.com<mailto:boatANCHORS@theporch.com>=20

Sent: Friday, January 23, 2009 7:36 PM

Subject: Old ICs

Can ICs be of interest to boatanchor people?

I have a double handfull of 7400 series ICs that I'd like to pass on =  
to someone for postage.

Any interest??

Wilson

W4BOH

-----=\_NextPart\_000\_013B\_01C97E2B.C885DF80

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_013B\_01C97E2B.C885DF80--

-----  
Date: Sat, 24 Jan 2009 14:54:29 -0800 (PST)

From: "J.D. MacAulay, WQ8U" <jmac6235@yahoo.com>

Subject: Classic Exchange "CX" tomorrow

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Message-ID: <875362.46705.qm@web54603.mail.re2.yahoo.com>

A last minute reminder:

The Classic Exchange (CX) CW section will be tomorrow Sunday January, 25, 2009. Everyone is invited to join into this low key contest and have the fun of operating, hearing and working old classic rigs.

Details at  
[www.qsl.asti.com/CX](http://www.qsl.asti.com/CX)

CUinCX  
73  
Mac  
WQ8U  
Hillsborough, NC

-----  
Message-ID: <10099550.1232849049482.JavaMail.root@elwamui-huard.atl.sa.earthlink.net>  
Date: Sat, 24 Jan 2009 21:04:09 -0500 (EST)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: KSM Schedule 1/31, 2/7  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

KSM RTTY service and 22Mc CW service will be unavailable on the above dates (Transmitter Supervisor Hawes will be away). KSM CW service on all other frequencies will be available as usual (full KSM information is available on our Web site, URL below).

K6KPH will be available as usual on 7050kc and 14050kc as usual. 3550kc will be available on request.

If you would like to receive information like this but are not a member of the radiomarine list, just send an email to:

[radiomarine-subscribe@yahoogroups.com](mailto:radiomarine-subscribe@yahoogroups.com)

to subscribe.

VY 73,

RD

=====  
Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
Message-ID: <57B26A2751E245B6BDAB867CFBC7C284@ENGR2>  
From: "Paul Kraemer" <elespe@lisco.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: IT 7400  
Date: Sun, 25 Jan 2009 17:39:57 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="Windows-1252";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Finally got the photolisting worked out  
See tester for sale at [http://s358.photobucket.com/albums/oo28/ee\\_design/](http://s358.photobucket.com/albums/oo28/ee_design/)  
Although this is basically a TTL tester, with a simple resistor change it  
can also do CMOS logic chips.  
The TTL input threshold level as set in tester is just a bit too low for  
CMOS. I would make that change and use for both. I tried it and it works.  
The manual is included. Unfortunately this is time when Heath did not  
include the schematic in the manual. It was a separate "illustrations"  
packet, which is missing. Fortunately, the circuitry is very basic (simple)  
power supply and test circuit repeated 16 times. There is sufficient info in  
the operations section of manual I don't see it as a problem.  
Asking price is \$50 or reasonable offer considered plus insured shipping PP  
or UPS at cost.  
Purchase cheerfully refunded (less shipping) if not completely satisfied.  
As mentioned yesterday, due to responses and not having the pictures ready,  
I am posting this and notifying those who have expressed an interest.  
Selection will be made in order request was received.  
Any questions please contact me direct [elespe@lisco.com](mailto:elespe@lisco.com)

-----  
From: 4CX250B <4cx250b@muohio.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 26 Jan 2009 18:37:44 -0500  
Subject: corroded battery contact question  
Message-ID: <74787094D952A442A1A8904E0AF377430AD8CAEC83@STUCMS5.it.muohio.edu>  
Content-Language: en-US

Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable  
MIME-Version: 1.0

A friend gave me a 50 yr old Simpson 260 multimeter and I've been rehabbing it. Everything now works and looks great except the corroded battery terminals, which have blue caked-on gook on them. Anybody have an idea how to remove it? I've tried several cleaners and nothing will dissolve the stuff. = The terminals appear to be silver plated phospher bronze.

Tnx,

Jim W8ZR

-----  
Message-ID: <497E4D1A.6090606@execpc.com>  
Date: Mon, 26 Jan 2009 17:54:02 -0600  
From: Joe Eide <jeide@execpc.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: corroded battery contact question  
Content-Type: multipart/alternative;  
boundary="-----050906090802060106030608"

This is a multi-part message in MIME format.

-----050906090802060106030608  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Jim,

I can't answer your question exactly, but have a comment. After scraping with a wire brush, if I determine they are just too far gone, I wire around them. We have a "Batteries Plus" here that will spot weld the tabs on cells. That allows the batteries to be hard wired back to good wire. Yes, I know it is not the way it should be, however it allows the resistance scales to work dependably.

Just a thought.

Joe - KB9R

4CX250B wrote:

> A friend gave me a 50 yr old Simpson 260 multimeter and I've been rehabbing it. Everything now works and looks great except the corroded battery terminals, which have blue caked-on gook on them. Anybody have an idea how to remove it? I've

tried several cleaners and nothing will dissolve the stuff. The terminals appear to be silver plated phosphor bronze.

> Tnx,

>

> Jim W8ZR

>

>

> -----

>

>

> No virus found in this incoming message.

> Checked by AVG - <http://www.avg.com>

> Version: 8.0.176 / Virus Database: 270.10.13/1916 - Release Date: 1/26/2009 7:08 AM

>

>

-----050906090802060106030608

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----050906090802060106030608--

-----

From: WA5CAB@cs.com

Message-ID: <d62.29c31ee4.36afbcd0@cs.com>

Date: Mon, 26 Jan 2009 20:26:40 EST

Subject: Re: corroded battery contact question

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1\_d62.29c31ee4.36afbcd0\_boundary"

--part1\_d62.29c31ee4.36afbcd0\_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Been there, done that (I have about a dozen or so 260's). The answer is



plain white vinegar. Pour some into a small bowl (unless the weather is too bad, put the bowl outside or the kitchen will smell like vinegar for several hours). Scrape the worst of the blue powder/paste off. Drop the terminals into the vinegar and spread them out so that they do not touch.

Before you put the ones that are soldered to wires into the vinegar, unsolder them from the wires. If you carefully position the bowl next to the 260 such that you can dip the still connected terminal into the vinegar until it is clean, the vinegar will wick up the wire under the insulation and cause acidic rather than basic corrosion (ask me how I know). The process may take several hours. A little stirring may be needed if the vinegar grows cloudy around a terminal. But eventually they will be completely void of the blue stuff (copper sulfate or something similar). Rinse thoroughly in plain water and pat dry with paper towel or some such.

In a message dated 1/26/2009 5:38:29 PM Central Standard Time, 4cx250b@muohio.edu writes:

> A friend gave me a 50 yr old Simpson 260 multimeter and I've been rehabbing  
> it. Everything now works and looks great except the corroded battery  
> terminals, which have blue caked-on gook on them. Anybody have an idea how to  
> remove it? I've tried several cleaners and nothing will dissolve the stuff. The  
> terminals appear to be silver plated phospher bronze.  
> Tnx,  
>  
> Jim W8ZR

Robert Downs - Houston  
wa5cab dot com (Web Store)  
MVPA 9480

--part1\_d62.29c31ee4.36afbcd0\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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* * * * *
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--part1\_d62.29c31ee4.36afbcd0\_boundary--

-----

Date: Mon, 26 Jan 2009 19:26:48 -0600  
From: "Roger Dillon" <rdillontx1@verizon.net>  
Subject: Re: corroded battery contact question  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <DCECB1D95ED64D539B8C7DCF81D47745@rogerPC>  
MIME-version: 1.0  
Content-type: text/plain; format=flowed; charset=iso-8859-1; reply-type=original  
Content-transfer-encoding: 7bit

The blue gook (technical term) is copper salts produced by the reaction of a leaking battery and the battery contacts.

I have renovated dozens of pieces of portable equipment with this exact problem.

First, remove the corroded metal parts from the meter case. Then wash them in a dilute solution of hydrochloric acid, about one part HCl to four water. It helps to wear latex gloves and scrub the parts with the acid using an acid brush to get the job done as quickly as possible.

As soon as the parts appear clear of contamination, rinse them in running water. If it makes you feel better, you can also wash them in a solution of hot water and bicarbonate of soda to neutralize any remaining molecules of acid.

Lastly, tin the contacts with a good 60/40 rosin core solder like Kester. The solder will discourage future oxidation of the copper where the silver plate has failed and the heat will boil off any acid remaining on the metal parts.

The 700 degrees solder temperature will not be high enough to anneal the phosphor bronze parts.

The acid is available at all pool supply stores and possibly from a neighbor who has a pool.

Hope this helps.

Roger

N5PGH

and I've been rehabbing it. Everything now works and looks great except the corroded battery terminals, which have blue caked-on gook on them. Tnx,

Jim W8ZR

-----  
Message-ID: <001f01c9802e\$c579e200\$679e480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: corroded battery contact question  
Date: Mon, 26 Jan 2009 19:24:25 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> .....Everything now works and looks great except the corroded battery terminals, .....

I concur with the acid treatment recommendations. CLR for cleaning lime and metal stains also works. Rinse with soapy water to neutralize acid then rinse with clear water and dry. After reinstalling terminals coat them lightly with an electrical grade grease. Just any grease will risk corrosion as some are not galvanically neutral. Radio Shack Lube Gel may be the right stuff. Anyone had corrosion problems with Lube Gel?

Arden Allen  
KB6NAX

Adopt a shelter dog,  
save an innocent life,  
and make a friend forever :-)

-----  
From: WA5CAB@cs.com  
Message-ID: <d60.40ff96ef.36afdd78@cs.com>  
Date: Mon, 26 Jan 2009 22:46:00 EST  
Subject: Re: corroded battery contact question  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_d60.40ff96ef.36afdd78\_boundary"

--part1\_d60.40ff96ef.36afdd78\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I disagree with using hydrochloric acid when you don't need to. It's dangerous. Acetic acid works just as well, albeit a bit more slowly. You don't have to worry about rubber gloves and eye protection. Everyone in North America has half a gallon or so in the pantry. If you forget and leave the terminals in it for a day or three it won't hurt them. When you're finished with it, you just turn on the water in the sink and dump it down the drain. Etc.

Robert Downs - Houston  
wa5cab dot com (Web Store)  
MVPA 9480

--part1\_d60.40ff96ef.36afdd78\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
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\* \* \* \* \*

--part1\_d60.40ff96ef.36afdd78\_boundary--

-----  
Message-ID: <22676166.1233074350029.JavaMail.root@mswamui-  
andean.atl.sa.earthlink.net>  
Date: Tue, 27 Jan 2009 08:39:10 -0800 (GMT-08:00)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: New US Coast Station Licensed  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Another new US coast station has been granted a license for operation in the MF maritime mobile band.

OM Steve Russell of Stoneham, MA has been granted the very fitting call WNE for his station with authorization for 5000W on 500kc and 472kc in the name of the New England Historical Radio Society, Inc. Steve will be building the station "from the ground up", as he puts it. Erection of the antenna will have to await until temperatures rise a bit but the base for it has already been installed.

WNE joins two other recently licensed stations, KDR (Bellevue, WA on 500kc and 482kc) and WFT (Palmetto, FL on 500kc and 486kc), as part of the re-population of the MF maritime mobile band with commercially licensed stations.

"We have a lot of work to do and any input, suggestions, questions or donations will be greatly appreciated to make this happen" says Steve. We at the MRHS applaud the effort Steve has made to obtain his license and his willingness to take on the job of building a new commercial coast station. His efforts and those of Joseph Venable of WFT and James Dalke of KDR are major steps toward keeping commercial Morse alive in this most historic portion of the radio spectrum.

VY 73,

RD

=====

Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
Message-ID: <497F3CBF.3040204@bobkemp.com>  
Date: Tue, 27 Jan 2009 10:56:31 -0600  
From: Robert Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Wanted Galaxy RV1 & Console  
Content-Type: multipart/mixed;  
boundary="-----070309040601080808080403"

This is a multi-part message in MIME format.  
-----070309040601080808080403  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I'm reliving my Galaxy (a friend says I'm nuts)phase and need a RV-1 and station console if anyone would happen to have one. Prefer decent cosmetics but whatever...beggars can't be choosers.  
Contact me off the list please.  
Bob  
wa0vrc

-----070309040601080808080403  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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* * * * *
```

-----070309040601080808080403--

-----  
Message-ID: <016457D3DB30401689F2E6F151F1796B@boudreaux>  
From: "David Stinson" <arc5@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: New US Coast Station Licensed

Date: Tue, 27 Jan 2009 14:35:22 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="UTF-8";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

How does one license a ship-board station for MF?

-----  
Message-ID: <4980F176.6070900@aggienetwork.com>  
Date: Wed, 28 Jan 2009 17:59:50 -0600  
From: Niel Wiegand <nielwiegand@aggienetwork.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: March 52 CQ?  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I'm missing March '52 from my CQ Magazine collection. Starting on page 38 is a construction article for a 80/40 meter transmitter using a couple of 6L6s as a push-pull oscillator. Can someone scan the photo on page 40 for me? I have the rest of the article but the photo didn't come through well.

tnx es 73,  
Niel - W0VLZ  
<http://www.io.com/~nielw/wa5vlz.htm>

-----  
Message-ID: <4FC160EE40B3462A9E5A4ABD7C73E0F6@upstairs>  
From: "Allan Fritsche" <w5adf@sbcglobal.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: My DX-100 Saga Part 1  
Date: Thu, 29 Jan 2009 15:49:24 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Well Gang, I'm back after a long hiatus from Yea Olde Boats. I picked up a NC-300 last summer in excellent condition and it reminded me what great audio you can get out of these guys. So I decided , I guess I would try some AM and was looking around for

a Transmitter half heartily.

As faith would have it, a local Ham friend had a problem with his AL-80B amp and asked if I would check it out. Well the 3-500Z had intermittent cathode to grid short (Chinese) and I told him to come pick it up and just replace the tube.

He remembered that I had the NC-300 and asked If I would like a DX-100 for my trouble for free. How could I refuse.

OK that's the background and now the rest of the story.

Upon delivery, we both lugged this thing to my secondary work bench. GOD I forgot how heavy these things were. He said someone gave it to him about twenty years ago and he had never tried it on the air and it had been sitting in his garage since. I could see that, man how filthy and there were speckles of varnish across the front panel and some extra meters I didn't recall being there. Most of the knobs were not original and none matched the others. I went in and got a 807 and just stared at this brute for awhile and kind of fell in love with it. Surely if it could talk it would have said "get me back on the air".

It was getting late so I went upstairs and downloaded the manual from BAMA and printed it out. (there goes 1 black cartridge). I guess they pulled the Heath manuals since then, got it in the nick of time.

Next morning with a few huff and puffs I pulled it out of the case, O my it was full of sawdust and dirt, The shop vac and a paint brush took care of that. Previous owner must have got a label maker for Christmas as he had labeled all the tube locations , Darn I wished he would have put his call sign in there.

Cleaned up the rest with Windex and the Iron looked like new with no rust anywhere.

Tested all the tubes and replaced the 12by7 's and 1 of the 6146's. 1625's and rectifiers were all good. I then noticed the HV electros were original paper and of course the two extra meters which were installed n had match stick wound shunts on them . Grid Current and Mod of course labeled underneath like the tube socket locations.

The original power cord with the inline fuses looked in good shape but both the fuses where blown. At this time I had not even plugged it in yet and not even looked under the chassis.

Part 2 follows tomorrow.

Hope I am not boring anyone.  
Your Friend Al  
W5ADF in sunny but cool Houstn.

-----  
From: "Jim Garland" <4cx250b@muohio.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Corroded Battery Contacts  
Date: Thu, 29 Jan 2009 12:25:31 -0700  
Message-ID: <015501c98247\$5c59fce0\$bd00a8c0@Garland>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks everybody for your suggestions. The recommendations for removing the greenish crust on corroded battery terminals on my Simpson 260 fell into two categories: dissolving with acid (vinegar, acetic, dilute HCL) and dissolving using baking soda. I opted to try the latter. It worked fine, but took about an hour of soaking the terminals in a hot solution of baking soda and water (didn't measure the ratio, but used a scoop of baking soda in about 4 oz of water.) I brought mix up to a boil and then kept it on simmer while soaking and occasionally stirring the terminals. Eventually the solution turned green and the crust dissolved off the terminals. Possibly the acid treatment would have worked faster, but I didn't try it.

73,

Jim W8ZR

> -----Original Message-----  
> From: Les Zwiebel WB6ORZ [mailto:wb6orz@pacbell.net]  
> Sent: Thursday, January 29, 2009 11:11 AM  
> To: 4CX250B  
> Subject: Corroded Battery Contacts  
>  
> Hi, Jim. I realize it's only been a few days, but do me a



> favor and please let me (or the reflector) know the outcome with  
> various solutions (lieterally) to the crud-on-contacts problem.  
> I got to thinking that perhaps my old fix of baking soda  
> solution might not work on the hardened crust you mentioned.  
> Thanks in advance.  
> (((((73))))))  
> Les  
> ---===WB6ORZ===---

-----  
Message-ID: <BLU0-SMTP83349F5AF1CCB217DFFEDEC9C90@phx.gbl>  
From: "Ed Sieb" <esieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: My DX-100 Saga Part 1  
Date: Thu, 29 Jan 2009 18:52:31 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As a DX-100 fan, I love it. Please continue!

Ed, VA3ES

-----  
Date: Thu, 29 Jan 2009 16:51:53 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jack Harper <jharper@frobenius.com>  
Subject: Re: My DX-100 Saga Part 1  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable  
Message-Id: <20090129235220.64B0022DC88@mpls-qmqp-04.inet.qwest.net>

><snip>  
>Hope I am not boring anyone.  
>Your Friend Al

No way.

Feels like old times on the BA List.

Regards to the List  
Jack, W=D8YJ ("Friend to all things Hammarlund")

-----  
Message-ID: <64E1B02E962E4018A368B71D124159FF@HOME>  
From: "Al Parker" <anchor@ec.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Drake TR-4 w/ps & mic \$295: Hammarlund HQ-180A \$250  
Date: Thu, 29 Jan 2009 17:50:00 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Drake TR-4, s/n 23674 -- Nice condx, not mint, rare, or such, just nice, as in OK. Has some scratches and chips on the covers, basically the signs of use. Some pitting on chassis, I've seen many much worse, some better. It's been fully checked out, parts replaced as necessary, gets good output on all bands. Includes an AC-4 p.s. and a Shure mic. I've used the whole setup on the air.

Price of \$295 does not incl. shipping from zip 28560. It is all boxed up (a buyer backed out) , in 3 boxes, total of 45 lbs. Est. shipping cost within 1000 mi. is \$35-40, you can check at Fedex.com to your own zip  
More info and pix can be seen at  
<http://www.boatanchors.org/TR4sn23674.htm>

Hammarlund HQ-180A -- I have just been thru this receiver to replace anything that needed it, done alignments, etc. It's operating very well. Priced at \$250, plus shipping from 28560, ~55lbs. Low price as I need the space, and trying to stimulate the economy ;-)) I have had it on as a "shop listener" for many hours. The front panel has some light rust on it, and one paint area has been touched up, as can be seen in the detail pix. The "Bandspread" label has been replaced with a decal as the original lettering was badly damaged. The cabinet has been repainted, and looks very good.

Pix & additional details at [http://www.boatanchors.org/hq180a\\_sn8202.htm](http://www.boatanchors.org/hq180a_sn8202.htm)

Any questions? Pse email for answers.

tnx, 73,  
Al, W8UT  
New Bern, NC  
[www.boatanchors.org](http://www.boatanchors.org)  
[www.hammarlund.info](http://www.hammarlund.info)

"there is nothing -absolutely nothing- half as much worth doing as simply messing about in boats."

Ratty, to Mole

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End of BOATANCHORS Digest 4242  
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